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<110> Wockhardt Limited
<120> Process for the Extraction and Isolation of Insulin
from recombinant sources
<130> WH-1
<150> PCT/IB2003/005197
<151> 2003-11-14
<150> US 60/431050
<151> 2002-12-05
<160> 2
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<212> PRT
<213> Homo sapiens
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Ala Gln Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu
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Gly Asp Phe Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn
50 55 60

Asn Gly Leu Leu Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala
65 70 75

Lys Glu Glu Gly Val Ser Leu Asp Lys Arg Phe Val Asn Gln His
80 85 90

Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly
95 100 105

Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln Cys
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Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
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SEQUENCE LISTING

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 Ser Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp Glu Thr
 20 25 30

gca caa att ccg gct gaa gct gtc atc ggt tac tca gat tta gaa 135
 Ala Gln Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu
 35 40 45

ggg gat ttc gat gtt gct gtt ttg cca ttt tcc aac agc aca aat 180
 Gly Asp Phe Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn
 50 55 60

aac ggg tta ttg ttt ata aat act act att gcc agc att gct gct 225
 Asn Gly Leu Leu Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala
 65 70 75

aaa gaa gaa ggg gta agc ttg gat aaa aga ttt gtt aac caa cac 270
 Lys Glu Glu Gly Val Ser Leu Asp Lys Arg Phe Val Asn Gln His
 80 85 90

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 Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly
 95 100 105

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 Glu Arg Gly Phe Phe Tyr Thr Pro Lys Gly Ile Val Glu Gln Cys
 110 115 120

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 Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
 125 130 135

tga 408